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The Diffraction of Spherical Electromagnetic Waves From a Paraboloid of Rotation of Limited Dimensions With a Distribution of the Stimulating Dipole Field Along the Axis of Paraboloid Symmetry, by R. G. Mirimanov.

Full translation.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXVII, No 5, 1949, pp 835-838.

AEC Tr 1286

Scientific - Physics Jun 52 CTS DEK

Def Res Board, Canada, T-67

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790013-4

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The Sulphonation of Dienes as a Substitution Reaction, by A. P. Terent'ev and A. V. Dombrovskii, UNCLASSIFIED

RUSSIAN, per, Dok Ak Nauk SSSR, 1949, Vol 67, No 5, pp 859-862.

Sci Mus Lib No 52/2942

Scientific - Chemistry

25 October 1952

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790013-4

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S-176/60

(NY-4836)

The Mechanism of the Transmission of the Reaction in Gaseous Detonation in Tubes, by M. A. Rivin, 10 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXVII, No 5, 1949, pp 875-878.

JPRS 5746

Sci - Chem
Oct 60

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ROZENFEL'D, I. L.
AKIMOV, G. V.

Doklady Akademii Nauk SSSR, vol. 67, 1949,
No. 5, pp. 879-882; 2 figures, 1200 words.

Mechanism of Protection of Iron from Corrosion
in Water by Means of Chromates.

Brutcher Trans, Order No. 2437, $ 2.30.

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790013-4

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"he Reaction of Free Hydroxyl and Hydrocarbons, by
E. Avramenko, P. V. Lorentso.

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USSIAN, ~~xxxxx~~ per, Dok Ak Nauk SSSR, Vol LXVII,
o 5, 1949, pp 867-869.

AEC Tr 202

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Mentific - Chemistry June (?)8

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The Reserves of Needles in Pine Trees in Timberstands of Different Ages, by A. A. Molchanov, 6 pp.

RUSSIAN, thrice-mo per. Dok Ak Nauk SSSR, Vol LXVII, No 5, 1949, pp 909-912.

Sci Tr Center RT-767

Scientific - Biology

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DOK AK NAUK SSSR Vol LXVII, No 6, 4 pp, 1949

"Applying the Condenser Method to the Determination of the Sign of the Photocurrent Carriers"

Ye. K. Putseyko

AEC Tr #383
ookhaven

1/50T84

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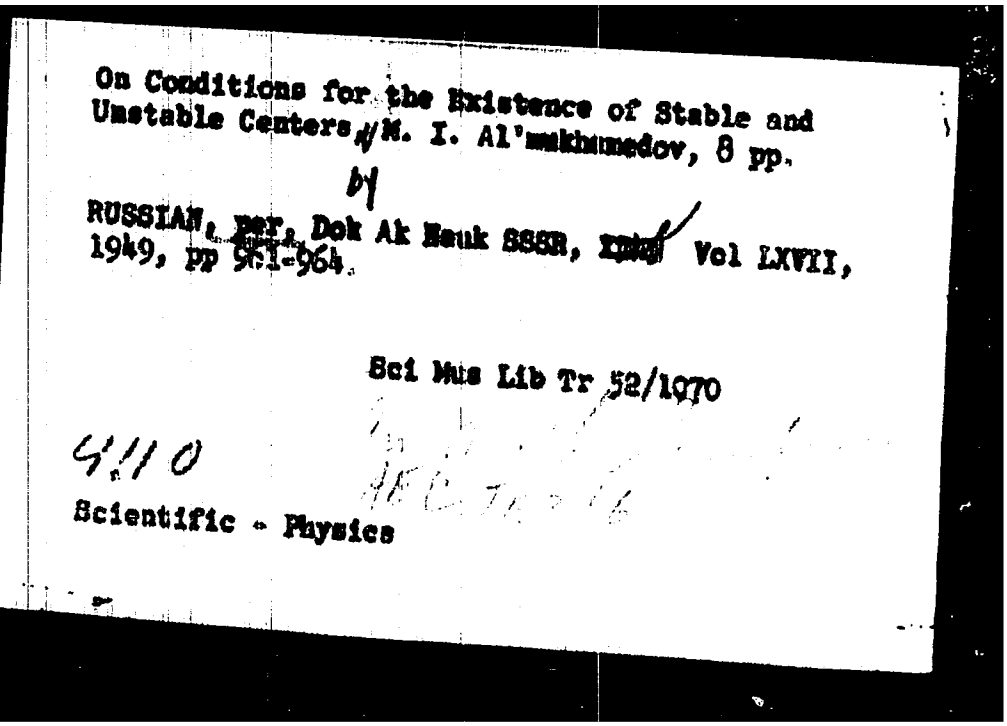

On Conditions for the Existence of Stable and Unstable Centers // M. I. Al'mukhmedov, 8 pp.

by

RUSSIAN, per. Dok Ak Nauk SSSR, Vol LXVII, 1949, pp 961-964.

Sci Mus Lib Tr 52/1970

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Scientific - Physics

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790013-4

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(FDD 27152)

Diffraction of a Spherical Electromagnetic Wave From a Paraboloid of Revolution of Finite Dimensions When the Exciting Field of the Dipole Is Perpendicular to the Axis of Symmetry of the Paraboloid, by R. G. Mirimanov, 3 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXVII, No 6, Moscow, 1949, pp 1021-1023.

S.L.A. R-2

CIA/FDD/U-7939

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Sci - Electronics; Physics

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The Mechanism of Synthesis of Hydrocarbons From Carbon Monoxide and Hydrogen, by A. N. Bashkirov, ET AL.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXVII, No 6, 1949, pp 1039-1041.

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Scientific - Chemistry

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Theory of the Heat Resistance of Metals, by I. I. Kornilov,
3 pp,

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXVII,
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Scientific - Chemistry
May 55 CTS

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Polymorphism and Catalytic Properties of Titanium Dioxide, by A. M. Rubinshtein and S. Ch. Kulikov
UNCLASSIFIED

RUSSIAN, per, Dok Ak Nauk SSSR, 1949, Vol 67, No 6, pp 1053-1056.

Dept Inst TWT Ex, No 44

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Scientific - Chemistry

25 October 1952

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Silicon Losses in the Production of Ferrosilicon, by P. V. Gel'd, O. A. Esin, N. N. Buinov, R. M. Lerinman.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXVII, No 6, 1949, pp 1073-1076.

Brutcher Tr No 2703

Scientific - Min/Metals

$2.90

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Rodina, A.G. 1949

Role of bacteria in the feeding of the tendipedid
(Rol' bakterii v pitanii lichinok tendipedid)
Doklady Akademii nauk SSSR, 67(6): 1121-1123. In Russian.

Transl. by Transl. Bur., Fgn. Lang. Div., Dept. of Sec. of State of Canada, for FRBC Freshwater Institute, Winnipeg, Manitoba, 1961, as Transl. Series No. 134[illegible], 4p., typescript.

Avail. on loan - NMFS, Wash., D.C.

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DOK AK NAUK SSSR Vol LXVIII, No 1, 2 pp, 1949

"Negative Ions of Rubidium and Cesium"

V. M. Dukel'skiy
E. Ya. Zandbert
N. I. Ionov

AEC Trans. #340
(January listing)

2/50T103

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790013-4

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DOK AK NAUK SSSR Vol LXVIII, No 1, 4 pp, 1949

"The Theory of Coercive Force of Soft Steels"

Ye. Kondorskiy

AEC/BNL/tr-121

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2/50T104

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(FDD 25119)

An Optical Method of Measuring the Velocity of Ultrasonic Waves, by V. Tsvetkov, V. Marinin, 7 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXVIII, No 1, Moscow, 1 Sep 1949, pp 49-52.

CIA/FDD/U-7276

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USSR
Sci - Physics
[CTS 72/Sep 55]

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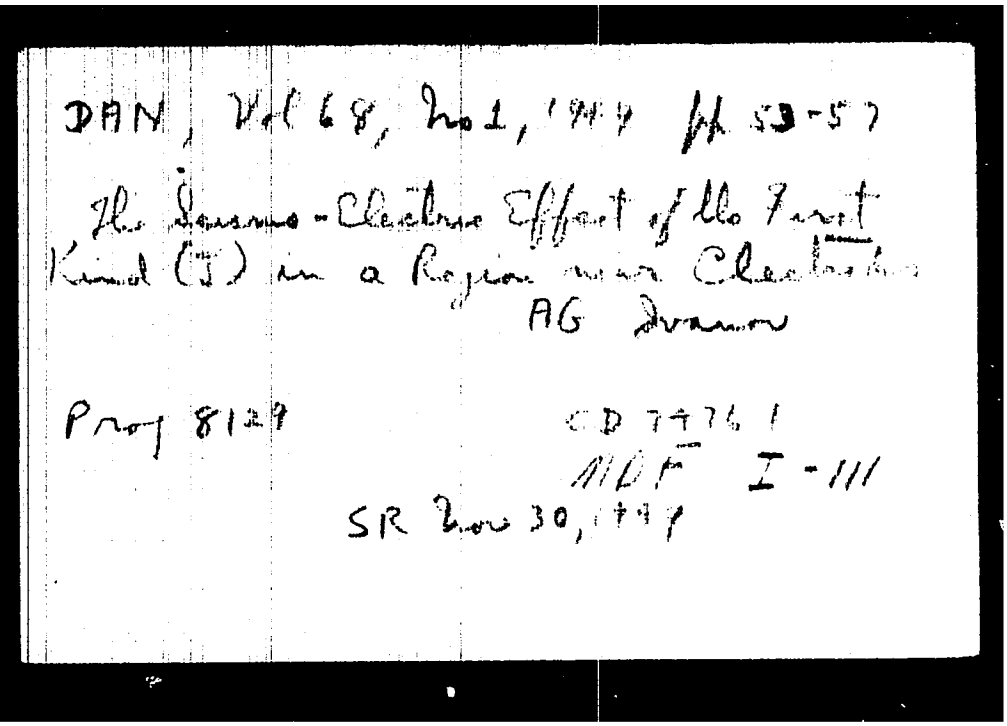

DAN, Vol 68, No 1, 1949 pp 53-57

The Gamma-Electron Effect of the First Kind (I) in a Region near Electrode

AG Ivanov

Proj 8129

CD 74761

NDF I-111

SR Nov 30, 1949

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790013-4

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Contribution to Knowledge of the Litter Fauna in Beavers' Nests, by I. I. Barabash-Nikiforov, 6 pp.

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Sci Mus Lib No 54/1112

Scientific - Biology

Jun 54 CIS

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"Doklady Akademii Nauk SSSR", Novaya Seriya, Vol LXVIII, No 1, 1 Sep 1949, pp 101-4

Type Differences of Winter Grains in Vernalisation at Sub- Freezing Temperatures", N. D. Feofanova

Proj 6G95
CD NO ST-136
PA 2/50T10

Pomeroy Blumenthal

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790013-4

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I. Electronographic Investigation of the Structure of Montmorillonite. II. Electronagraphic Determination of the Unit Cells of Pyrophyllite and Talcum, and the Structural Relationship Between These Minerals and Montmorillonite, by B. B. Zvyagin, Z. G. Pinsker, 7 pp.

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Scientific - Chemistry

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DOK AK NAUK SSSR Vol LXVIII, No 2, 4 pp
1949

"Electrocapillary Effect of Decreasing the Hardness of Metals"

Ye. K. Venstrem

AEC Translation 151

3/50T71

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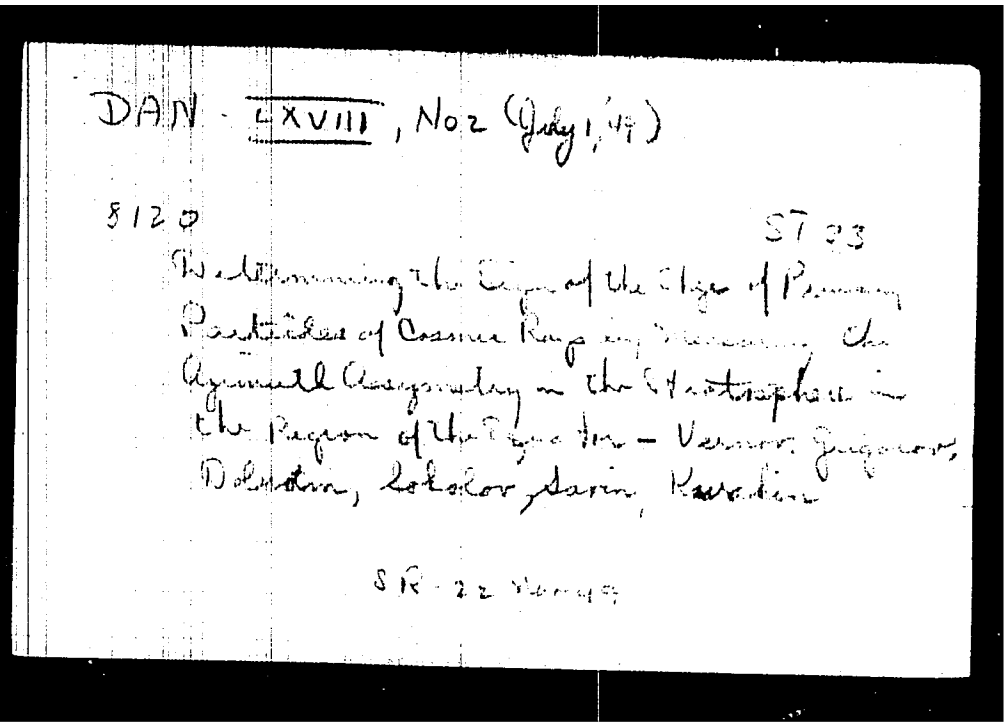

DAN - LXVIII, No 2 (July 1, '49)

8120 ST 93

[illegible] the Sign of the Slope of Primary Particles of Cosmic Rays [illegible] the Azimuthal Asymmetry in the Stratosphere in the Region of the Equator – Vernov, Grigorov, Dobrotin, Zolotov, Stavin, Kuvshinova

SR - 22 Nov 49

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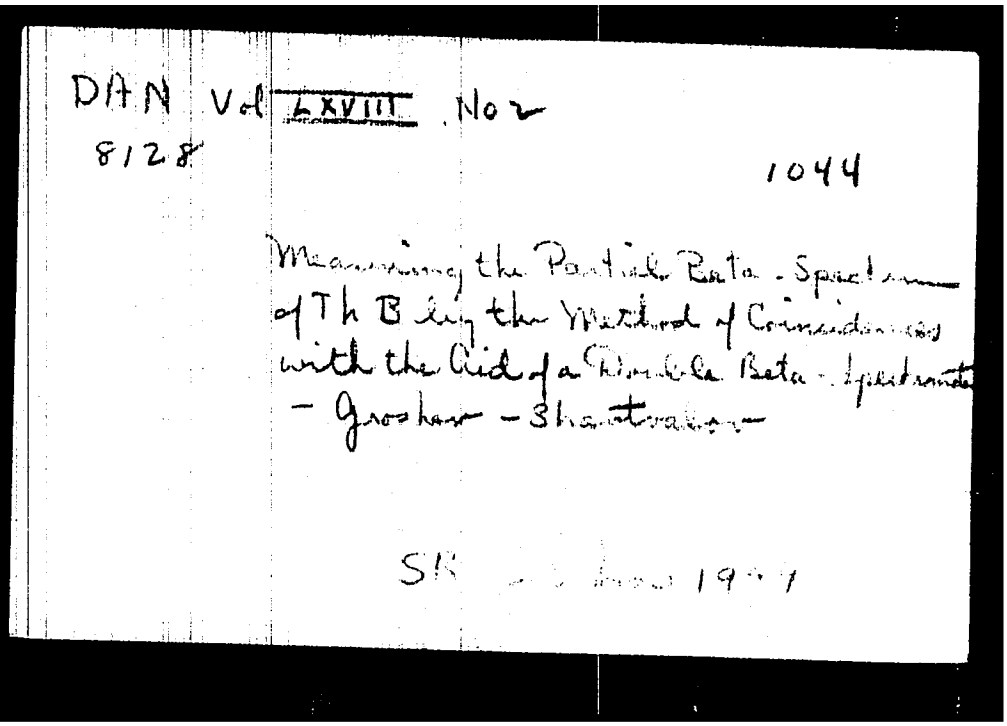

DAN Vol LXVIII No 2

8128

1044

Measuring the Partial Beta - Spectrum of Th B by the Method of Coincidences with the Aid of a Double Beta - Spectrometer - Groshev - Shantarovich

SK [illegible] 1947

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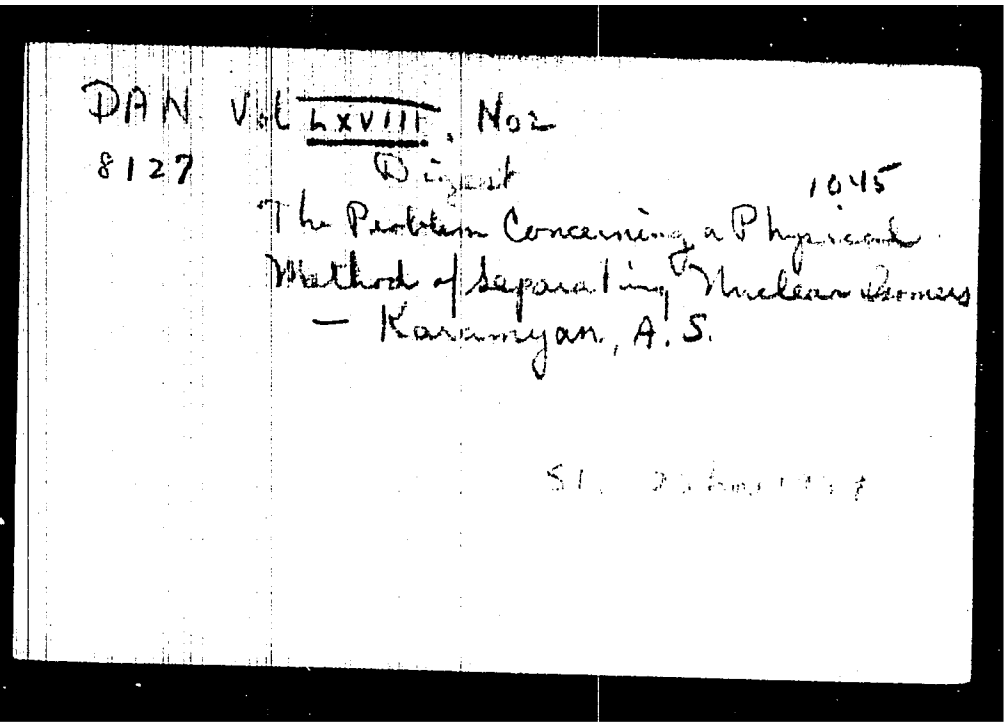

DAN Vol LXVIII, No2
8127 Digest 1045
The Problem Concerning a Physical Method of Separating Nuclear Isomers
— Karamyan, A. S.

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Temperature Effect on the External Photoeffect in Semiconductors, by A. N. Arsen'eva-Geil'.

Full translation.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXVIII, No 2, 1949, pp 245-247.

AEC Tr 1388

Russian, Khim.-mat. pub.,

USSR

Scientific - Physics, Photoeffect, Semiconductors

Oct 52 CTB/DEX

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Variation Of the Spectral Sensitivity Of the Eye At High Brightness Values by S.G.Yurov.

RUSSIAN, per, Akademiya Nauk S.S.S.R. Doklady, Vol LXVII, No 2, 1949, pp 271-273.

CSIRO

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Effect of Eye Defects Upon the Clearness of ne Field of Vision, by V. K. Arkad'ev, 5 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXVIII, No 2, 1949, pp 289-291.

CIA/FDD/X-1344

Scientific - Medicine
CIS/DEX

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Efficiency of Parallel Operation of Thermal-Electric Stations of the Same Type, by V. Ya. Khasilev, 8 pp.

RUSSIAN, thrice-mo par. Dok Ak Nauk SSSR, Vol LXVIII, No 2, 1949, pp 297-300.

Sci Mus Lib Tr No 53/2280

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The Condition of Inclusions in the Lattice of Smok
Quartz, by L. G. Chentsova, N. E. Vedeneyeva, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXVIII, No 2,
1949, pp 305-308.

Navy Tr 1286/NRL 547

Sci - Minerals/Metals 31,792

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Penetration of the Cathode and Formation of Electrolytic Deposits in Solutions of Simple and Complex Salts, by A. T. Vagramyan, Z. A. Solov'yeva. (MGU.

RUSSIAN, per. Dok Ak Nauk SSSR, Vol [illegible], No 2, 1949, pp 321-324.

MAR 981

Sci - Chem
Nov 59

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New Principle of Evaluation of the Effectiveness of Lubricating Materials in the Working of Metals Under Pressure, by S. Ya. Veiler, L. A. Shreiner, 5 pp. RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXVIII, 1949, pp 325-328.
CIA/FDD X-5937

Sci - Materials
Sept 66
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Venstrem, E.K. and Rebinder, P.A.
ABAISSEMENT ÉLECTROCAPILLAIRE DE LA DURETÉ DES MÉTAUX (Elektrokapillyarnyi Effekt Ponizheniya Tverdosti Metallov) (The Electrocapillary Effect of the Lowering of the Hardness of Metals). 12p. (foreign text included). 8refs. FR-3481
Order from OTS, ETC or CNRS $0.80 TT-62-28580

Trans. in French of Akademiya Nauk SSSR, Doklady, 1949, v.68, no.2, p.329-332.

DESCRIPTORS: *Metals, *Hardness, Electrolytes, Electric potential, *Polarization, Electrical double layer.

(Metallurgy--Structural, TT, v. II, no. 7)

TT-62-28580

I. Venstrem, E.K.
II. Rebinder, P.A.
III. FR-3481
IV. Centre National de la Recherche Scientifique, Paris

Office of Technical Services
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(FDD 25040)

Action of Ultrasonic Oscillations on High Molecular Compounds (USSR), by I. I. Zhukov, M. A. Khenokh, 7 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXVIII, No 2, Moscow, 11 Sep 1949, pp 333-335.

CIA/FDD/U-7287

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USSR
Sci - Medicine

CTS 72/Sep 55

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PLAKSIN, I.N.
DUBROVSKAYA, E.M.

DOK AK NAUK SSSR, vol 68, 1949, No 2, pp 361-3

Influence of Gases upon the Flotation of Phosphorite Ores

Brutcher Trans 2487, $2.75

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(FDD 27554)

Pharmacological Properties of the Venom of Sand Viper (Echis Carinatus), by F. E. Talyzin, T. P. Chizhova, A. A. Pchelkina, 7 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXVIII, No 2, Moscow/Leningrad, 11 Sep 1949, pp 421-424.

~~56-68~~ /
CIA/FDD U-8431

Sci - Medicine, pharmacology

36865

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APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790013-4

Determining the Absolute Coefficient of Ionization at the Surface of Heated Tungsten, by Arifov, Ayukhanov, and Lovtsov (FDD FA 149T91). UNCLASSIFIED

RUSSIAN, per, Dok Ak Nauk, Vol LXVIII, No 3, 1949.

Navy Tr 106/NRL 276

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Scientific - Physics

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Reversible Changes of pH in Solutions of Certain Organic Substances During Exposure, by A. P Terent'yev.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXVIII, [illegible]
pp 537-[illegible].
-8

*AEC- UCRL - Tr - [illegible] (L)

Sci - Chem
Sep 53

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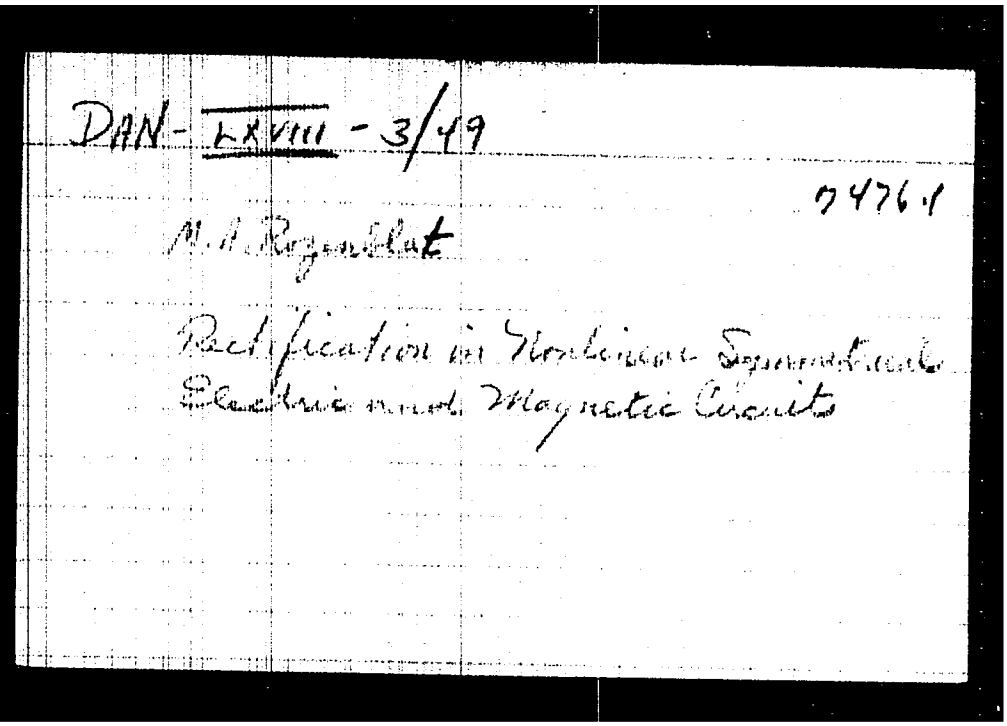

DAN - LXVIII - 3/49

74761

M. A. Rozenblat

Rectification in Nonlinear Symmetrical Reactive and Magnetic Circuits

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DOK AK NAUK SSSR Vol LXVIII, No 3, 3 pp, 1949

"Determining the Absolute Coefficient of Ionization on the Surface of Heated Wolfram"

U. Arifov,
A. Kh. Ayukhanov
V. M. Lovtsov

Navy Tr 106/NRL 276
AEC Tr 276
Avail Brook Nat'l Lab

149T91

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On the Thermal Glow of Phosphors, by V. V. Antonov-Romanovski (FTD Pa 149T93).

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXVIII, No 3, 1949.

Navy Tr 55/NRL 259

Scientific - Physics 12,794

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Law of Static Friction, by S. B. Ratner, 6 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXXIII, No 3, 1952, pp 443-446.

CIA/FDD XX-651
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Sci - Physics
Sep 59

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98,054

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BERSTEIN, I.

R-1630. On the fluctuations of a vacuum tube oscillator. Doklady Akad. Nauk, SSSR, 68, no.3, p.469-472, 1949. (8p.)

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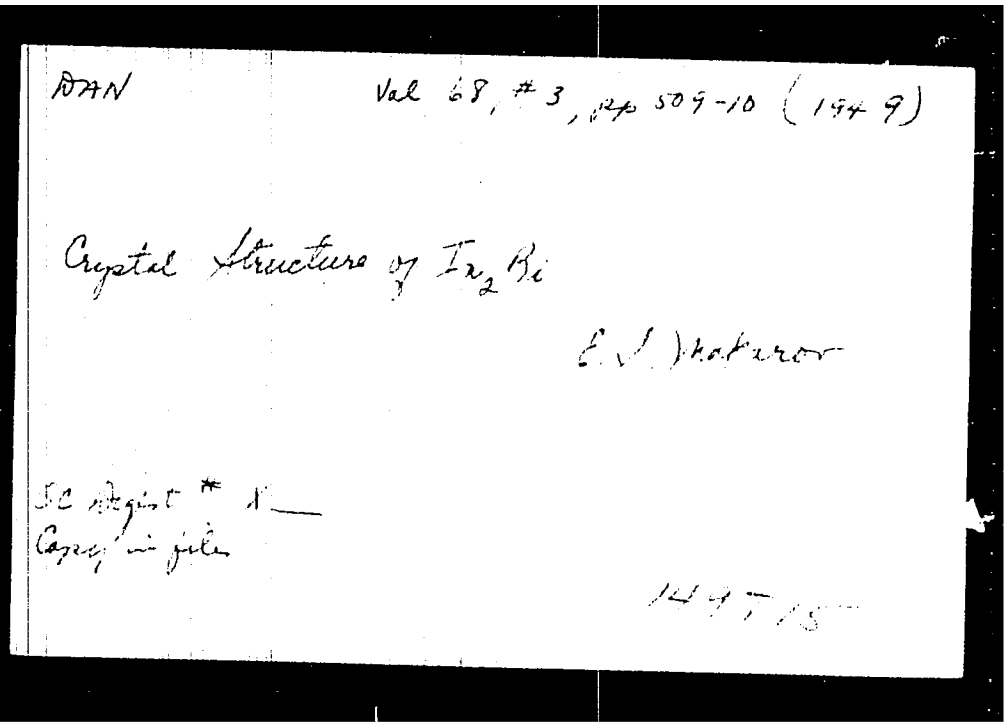

DAN

Vol 68, #3, pp 509-10 (1974)

Crystal Structure of In_2Bi

E. V. Khatkevich

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JACS Vol 69, #3, p. 519 (1947)

The Preparation of Cyclohexene Peroxide & Determination of the Peroxide Number of Unsaturated Hydrocarbons

V. L. Vaucher

Dow Chem Co, Midland, Mich.

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790013-4

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[illegible], V. S.

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N.S. Akulov, O.S. Galkina,
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Proj # [redacted]

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61-17320

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Full translation.

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Yurkevich, I. A.
PROPERTIES OF THE ORGANIC MATTER IN SEDIMENTS. 8p. 7 refs. MTWL: 267.
Order from OTS or ETC $1.55 61-17880

Trans. of Akademiya Nauk SSSR. Doklady, 1949, v. 68, no. 5, p. 881-884.

DESCRIPTORS: Sedimentation, Geochemistry, *Mineral oils, Sources, *Organic materials.

61-17880

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II. MTWL-267
III. Stichting Moeilijk Toegankelijke Wetenschappelijke Literatuur

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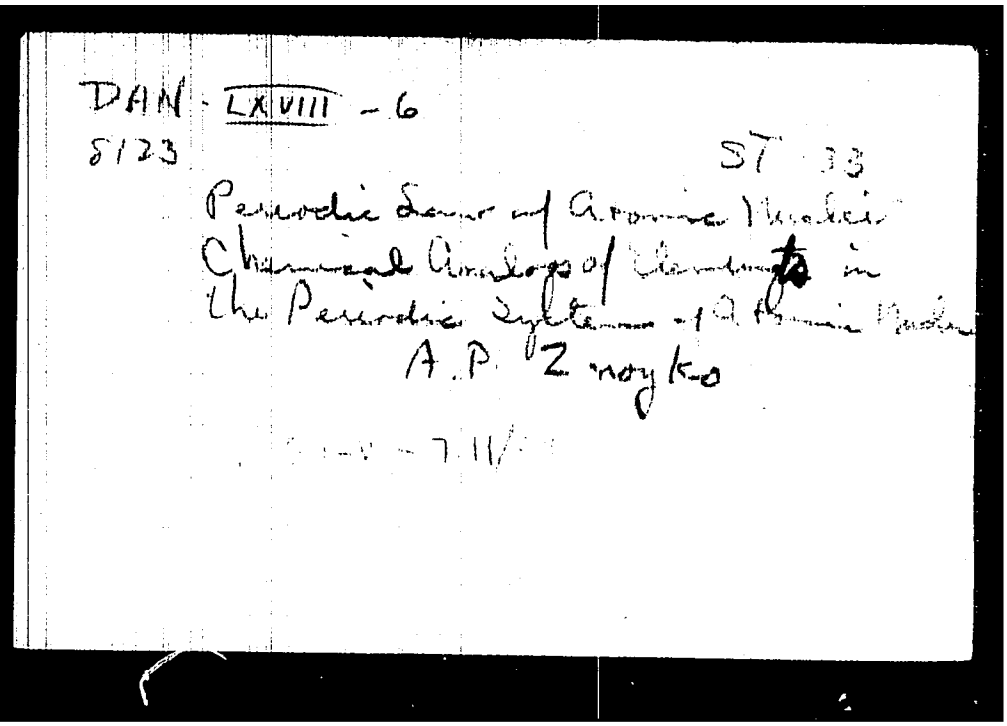

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pp 1029 — 1032.

"Unrest. Angular Correlation of Internal-Conversion Electrons"
L. D. Rusinov
Ye. I. Chuykin

Proj # 6748

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{A-1459.1

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A New Criterion of Brittleness and Plasticity of Metals, by G. V. Uzhik.

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M. F. ~~XXXX~~ Beliakov.

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Full translation.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXIX, No 1, USSR, 1949, pp 19-22.

AEC Tr 1373

Scientific - Minerals, Metals, Alloys, Tellurium

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Structure of the Zones Near the Exciting Line in the Combination Scattering of Light (Raman Spectra) of Formic Acid and of Methyl Alcohol, by P. D. Ramova.
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Apparent, partial and "Molar" Magnitudes During the Change of a Property of a Solution According to the Generalized Rule of Mixture by M. A. Reshetnikov

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AEC Tr 1494

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Theory of Superfluidity and Critical Velocity in Helium II, by V. L. Ginzburg

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Sci Mus Lib 50/1340 DSIR Scientific Lit Unit
AEC - 204 26 Chesterfield Gardens W.1
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Proj 7780 NED Reg.

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JASA Vol 64, #2 pp 175-176 (1949)

New Phenomenon in Hydroacoustics

L. D. Rozenberg

Navy D. 184/ONI A-40 4

BNL AEC Tr 473

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DAN SSSR, LXIX, No. 2, 11 Nov 49 pp. 217-8

THE INFLUENCE OF THE WALLS OF CONTAINERS ON CHEMICAL REACTIONS

POLYAKOV, M. V.

Proj. 4366
(part of)

CB ST-24

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L. I. Avramenko, P. V. Lorentso.

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Avail in Mr Wyatts office - OSI Nov CTS

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L.A. Zilber and V.A. Parnes.

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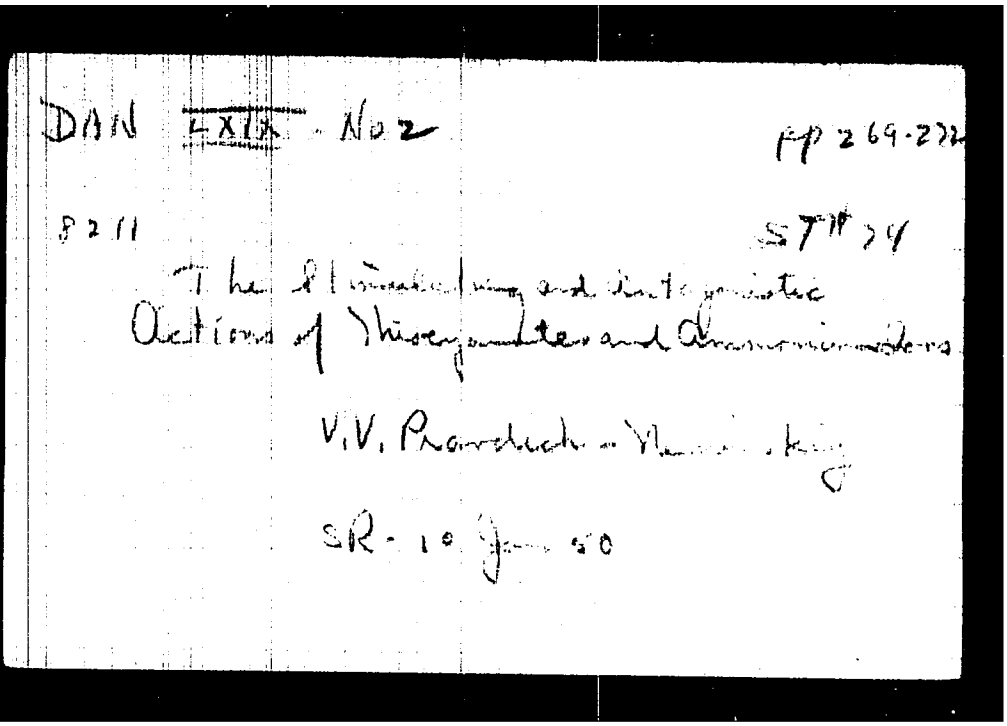

DAN 4XIX - No 2

pp 269-272

P 211

STM 74

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Actions of Microcomputer and Communications

V.V. Pravdich - Moscow

SR - 10 Jan 80

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DAN Val XIX, # 3 p 329-3 (1949)

Statistical Theory of Phase Transformations I
The First Order

D. T Gerlikman

Acad @ Brookhaven
AECD — 226
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A Method for the X-Ray Investigation of Structural Changes in Ageing Coarse-grained Polycrystalline Alloys, by A. M. Elistratov,

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Change in the Volume of Tin on Superconducting Transition in the Magnetic Field, by B. G. Lazarev, A. I. Sudovtsov.

Full translation.

RUSSIAN, thrice-mo Per, Dok Ak Nauk SSSR, Vol LXIX, No 3, 1949, pp 345-347.

AEC Tr 1398

USSR
Scientific - Physics, Tin, magnetic field

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Width of Energy Levels of an Atom With a High Principal Quantum Number, by O. B. Firsov,
5 pp.
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Species Composition and New Species of Wheat,
by P. M. Zhukovsky.

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